

Amendments to the Specification :

Please amend the specification as follows:

Amend section ix beginning at page 35, line 16 as follows:

ix) Balance the centrifuge tubes and centrifuge them at °C ~~±~~C, 20000g for 30 minutes ~~minuets~~.

Amend the paragraph beginning at page 48, line 3 as follows:

In order to determine whether the transgene had integrated into the chicken genome, 34 green fluorescent CBC colonies were picked up after transfection of BDCs with linearized pOVT7.4/0.875-IFN-RSV-EGFP and cultured for 96 hours (this is defined as the primary culture). These colonies were dissociated by pipeting method and cultured in a well of 24 well-plate contained STOs and using BDC-CEE medium (see Methods section). After three days culture about 50% of the resulting colonies exhibited green fluorescence in whole colony (Figure 4 A,B)(this is defined as passage one). Others had no green fluorescence. Several undifferentiated homogenous green fluorescent colonies were picked up from the passage one culture, dissociated and cultured on STOs with BDC-CEE medium. All colonies exhibited homogenous green fluorescence in this and subsequent passages (Figure 4C, D, E, F). The homogenous green fluorescent colonies were continuously cultured to passage 11 on the 10 centimeter gelatin dishes and the DNA was extracted for southern blot analysis (Figure 10, lane 9). A single band of ~ 13 kb was detected in Bam HI digested genomic DNA by the IFN probe. With integration, a band larger than 8.5 kb would be expected. Therefore, confirmation